

FIG. 1

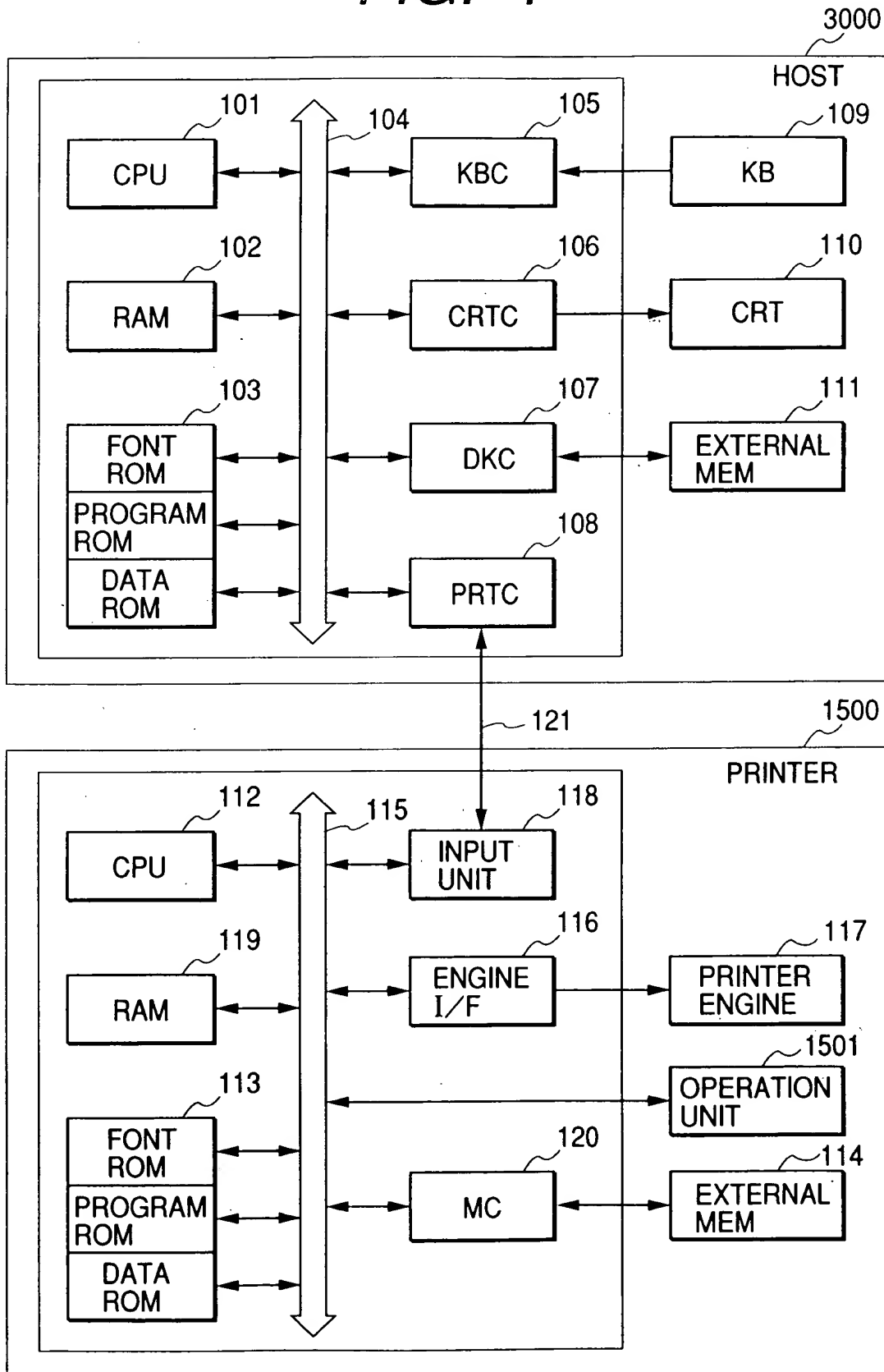


FIG. 2

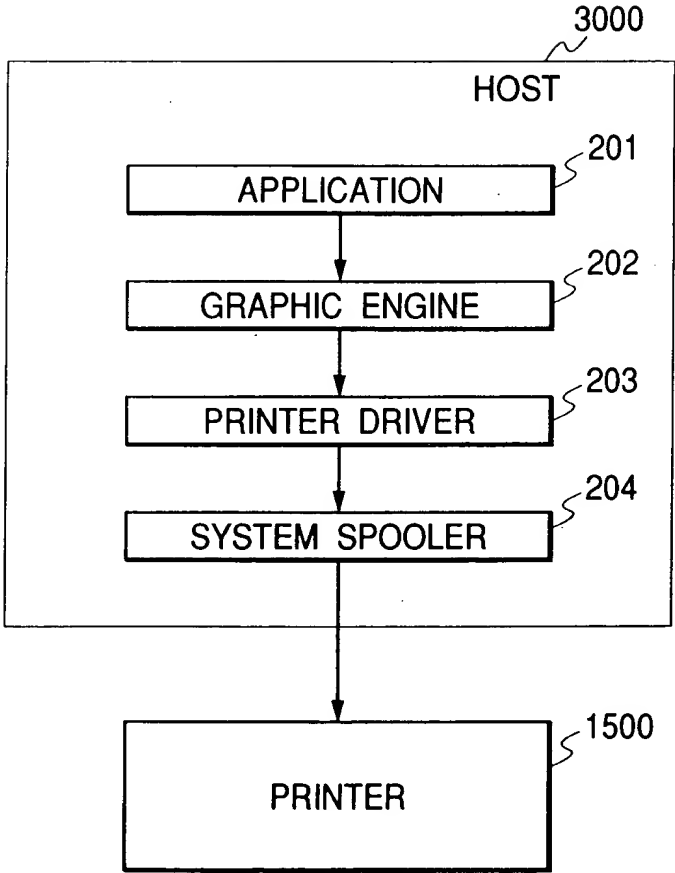
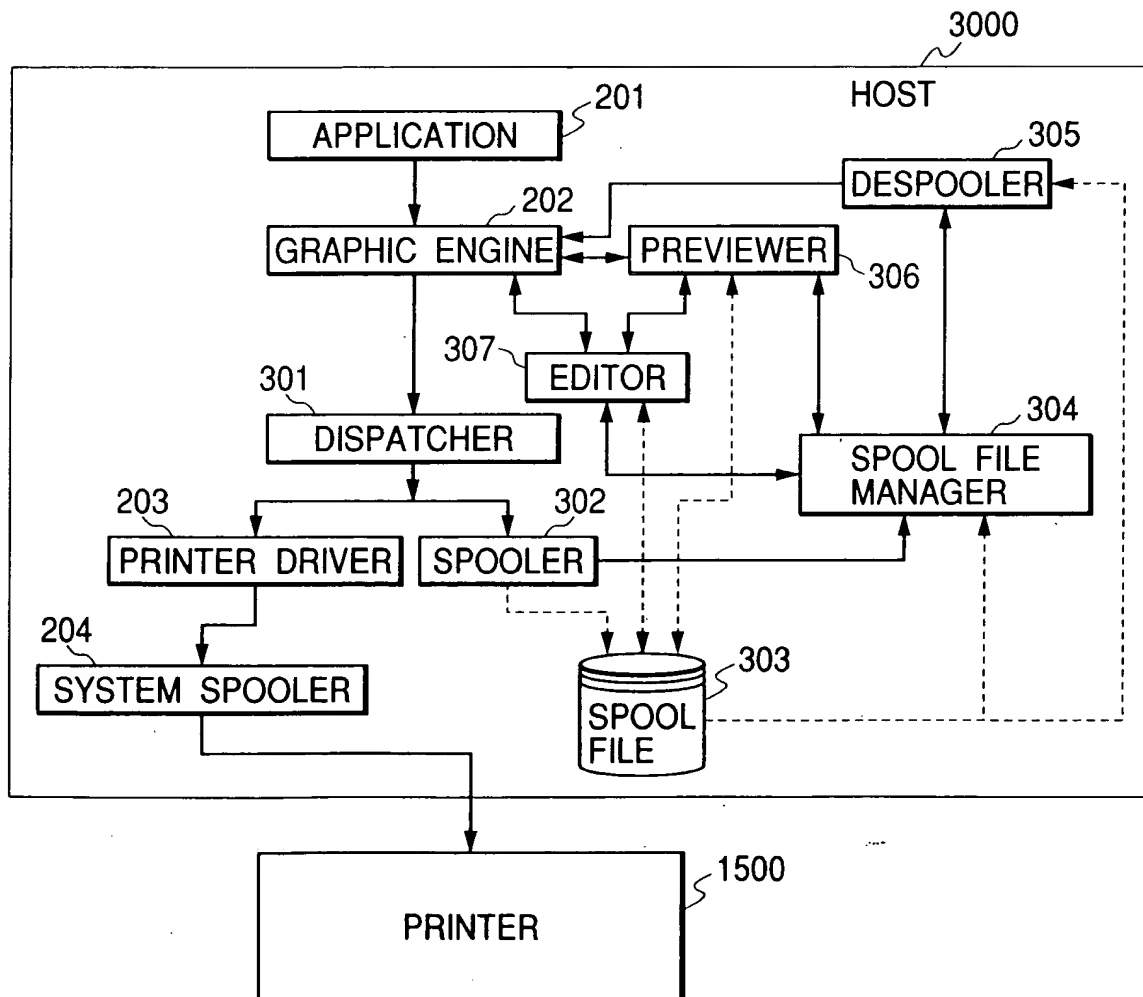


FIG. 3



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DATE OF INVENTION 08/08/2000

FIG. 4

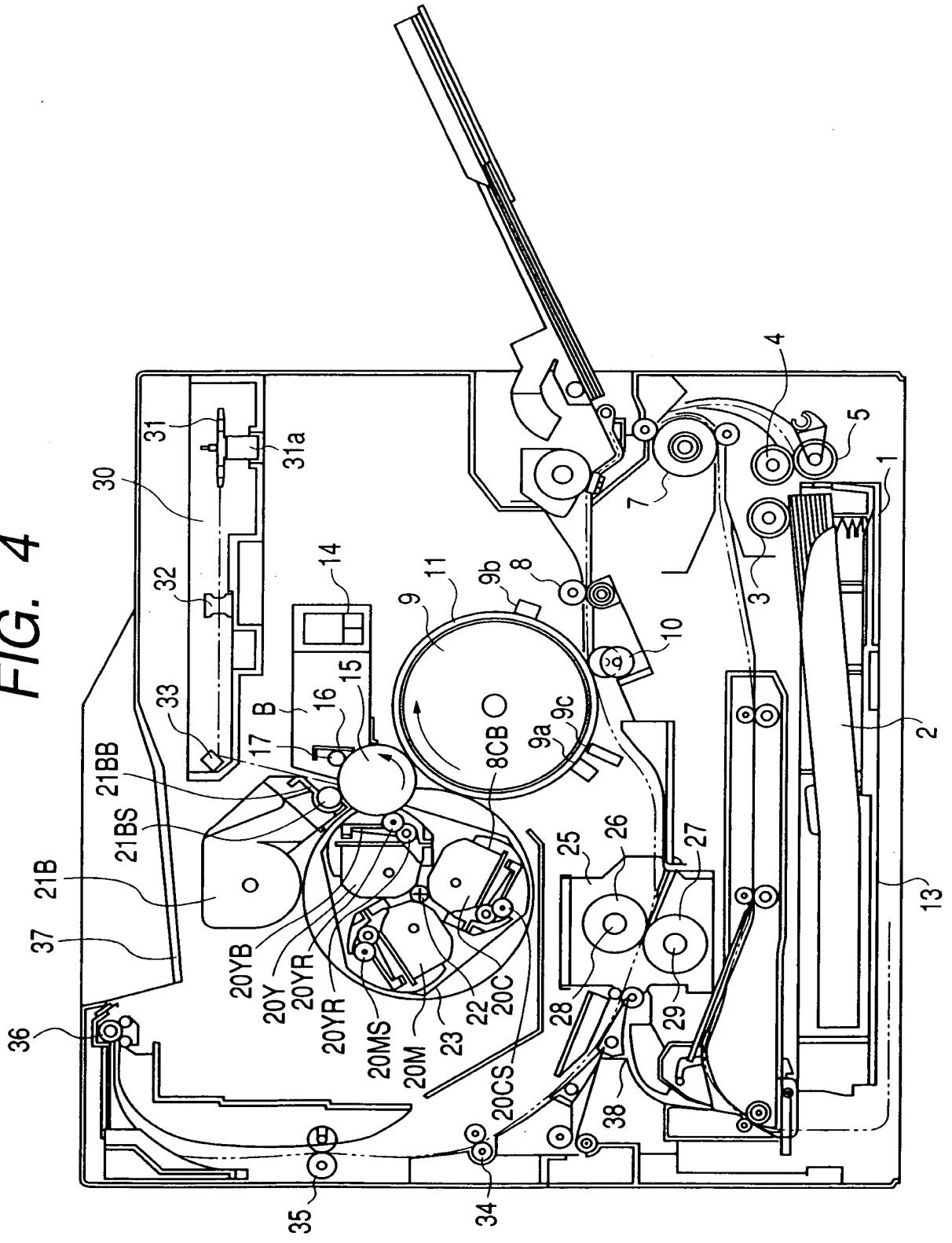
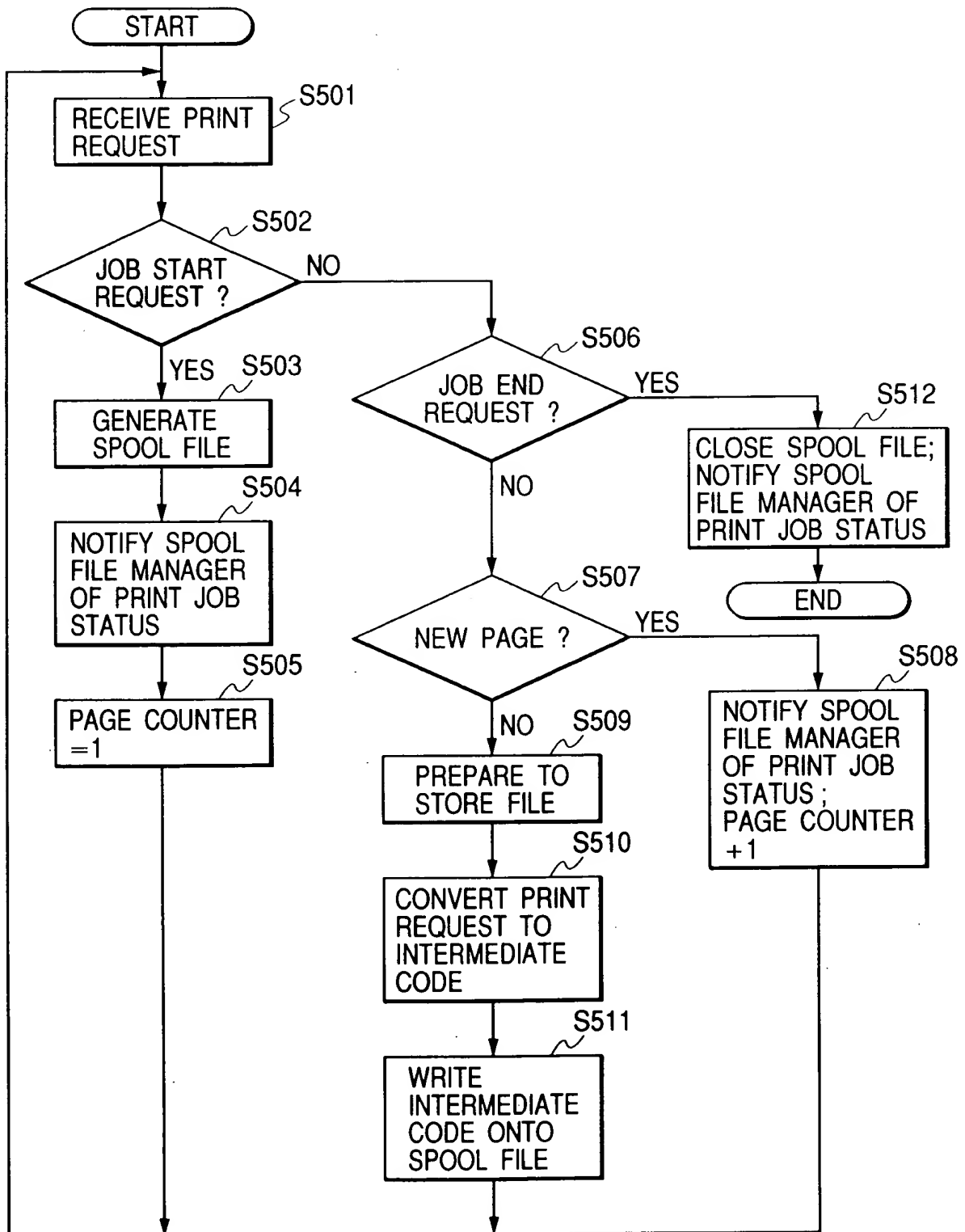
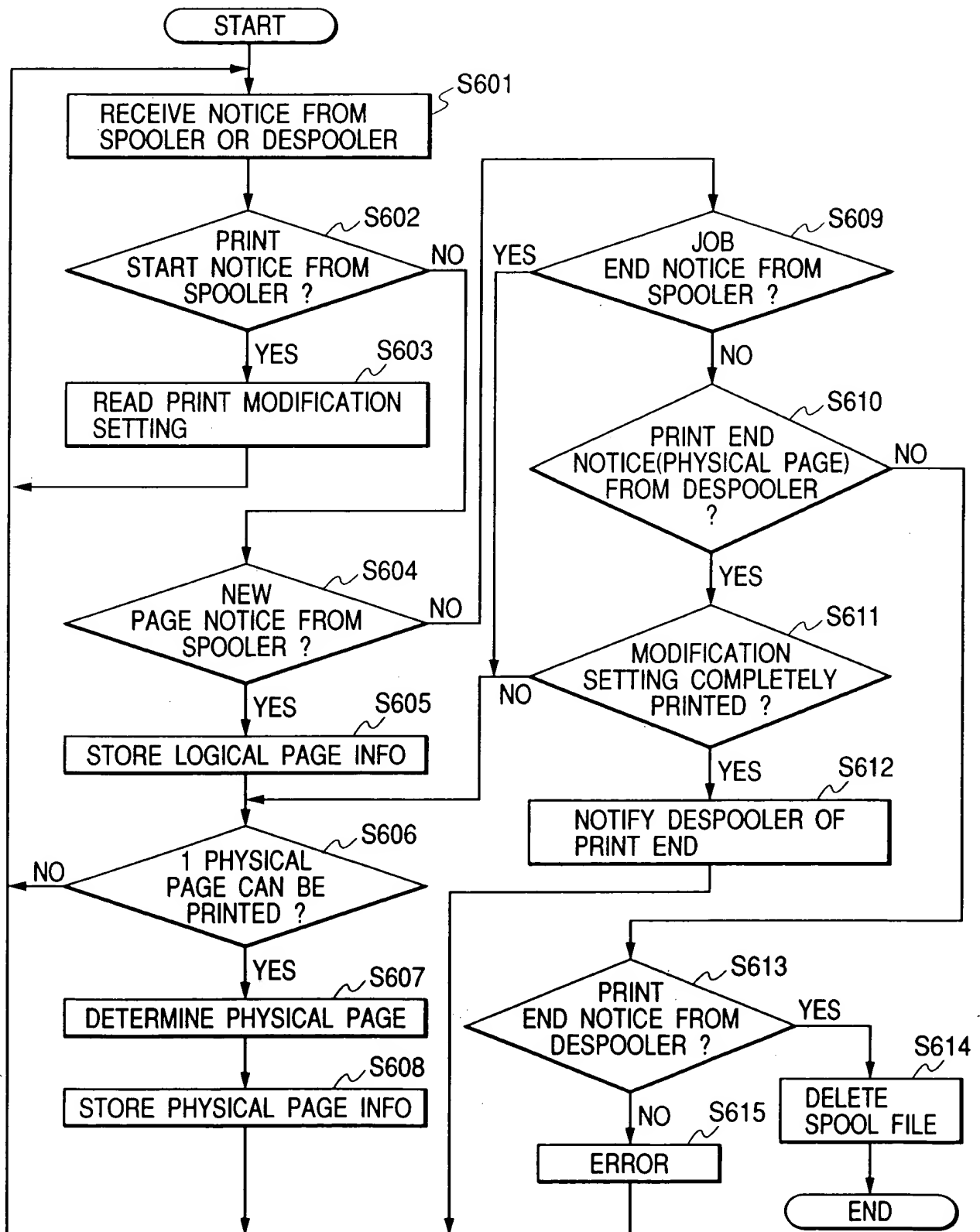


FIG. 5



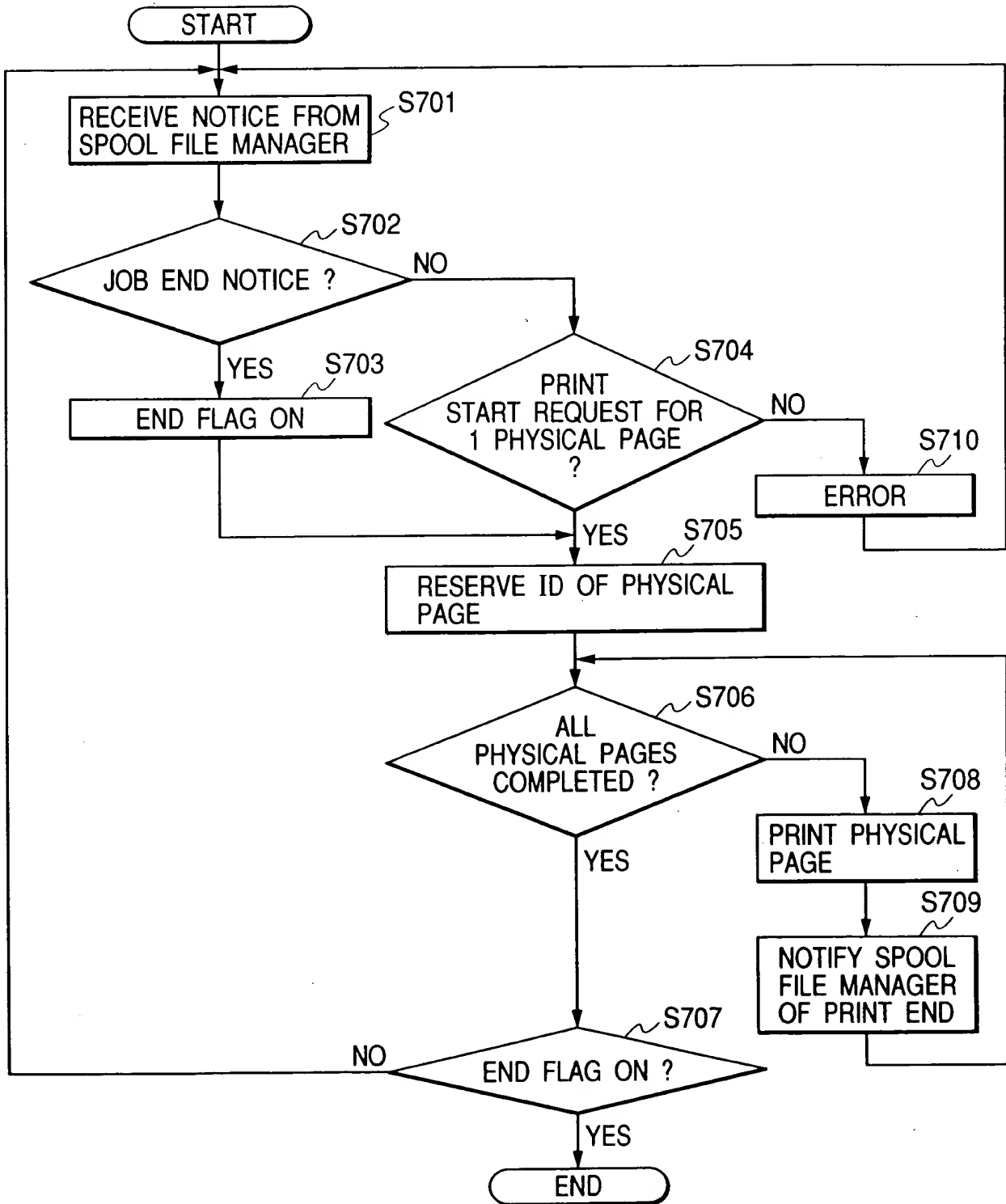
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FIG. 6



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FIG. 7



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FIG. 11

NO. OF ENTIRE PHYSICAL PAGES	1101
NO. OF ENTIRE LOGICAL PAGES	1102
NO. OF COPIES	1103
COPY-BY-COPY PRINT	1104
FINISHING	1105
ADDITIONAL INFO	1106

FIG. 12

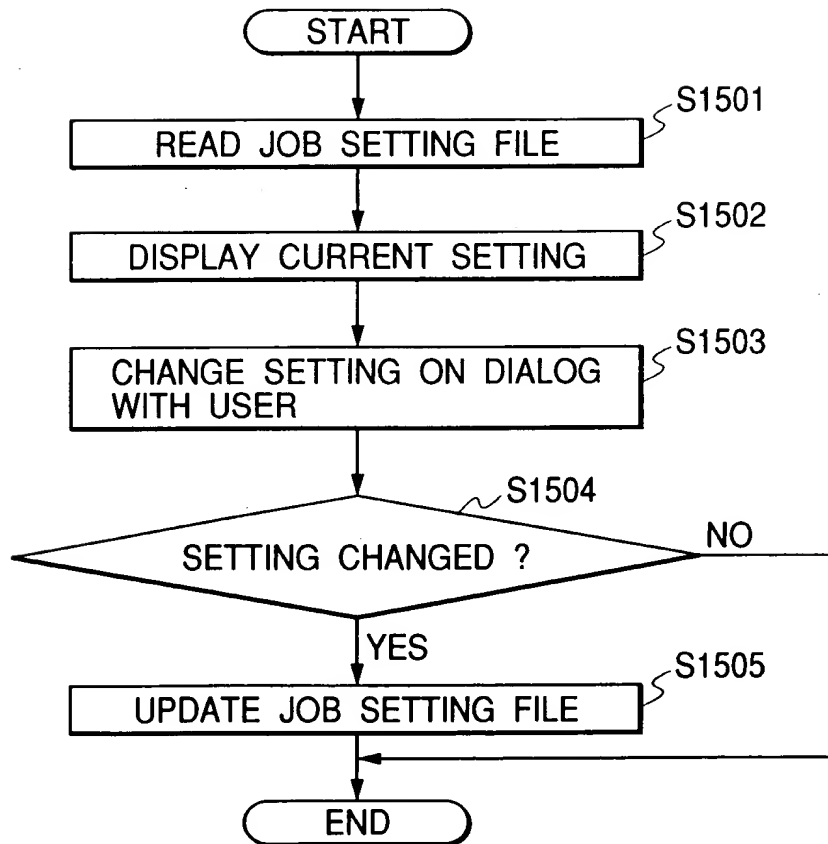
PHYSICAL PAGE NO.	1201
PHYSICAL PAGE SETTING INFO	1202
N: NO. OF LOGICAL PAGES IN PHYSICAL PAGE	1203
1ST LOGICAL PAGE INFO	1204
2ND LOGICAL PAGE INFO	1205
...	1206
NTH LOGICAL PAGE INFO	1207

FIG. 13

ARRANGEMENT OF LOGICAL PAGES IN PHYSICAL PAGE	1301
OBVERSE/REVERSE SIDE OF DUPLEX PRINT	1302
COLOR/MONOCROME PRINT	1303
ADDITIONAL INFO	1304

FIG. 14

LOGICAL PAGE ID	1401
LOGICAL PAGE NO.	1402
FORMAT INFO	1403

FIG. 15

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FIG. 16

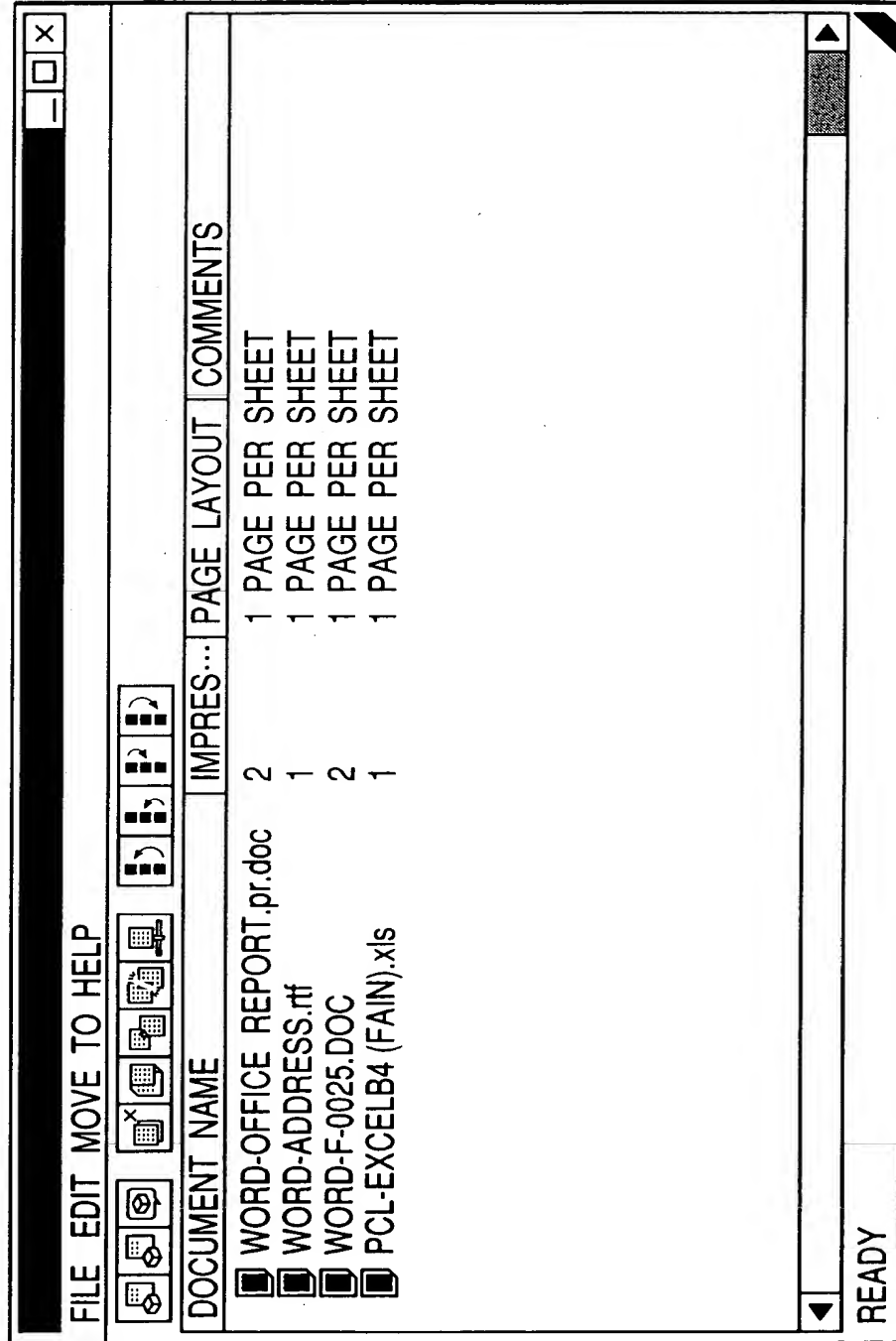
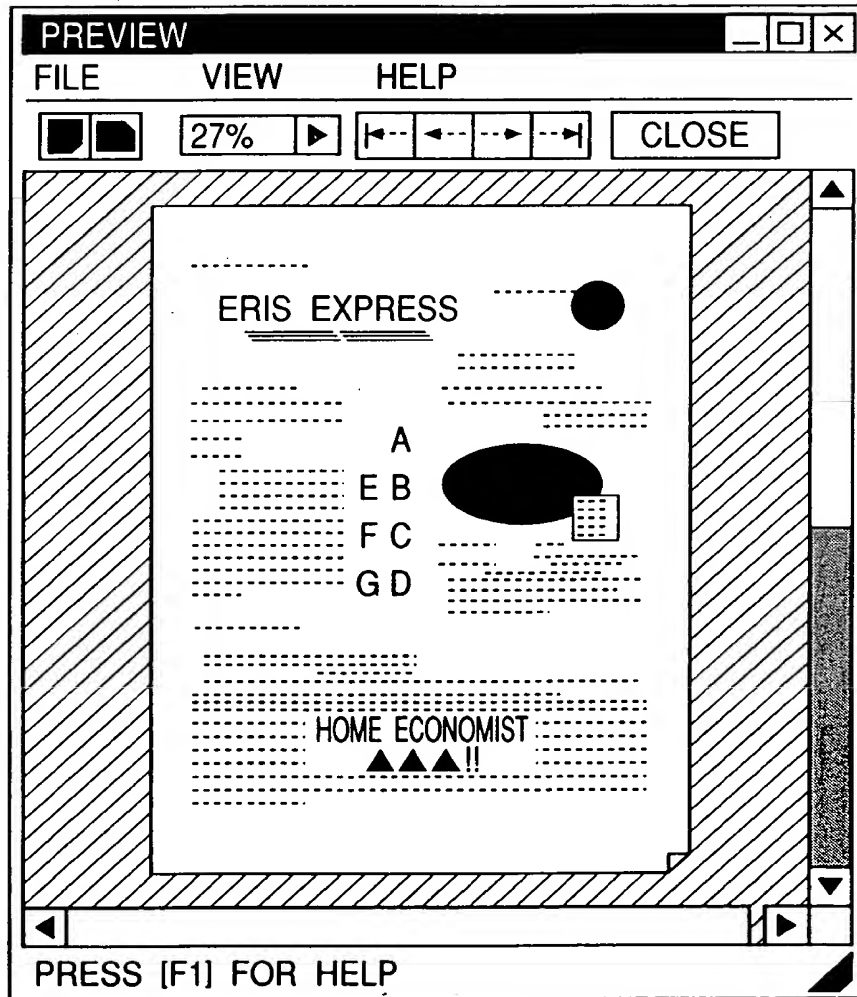


FIG. 17



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[illegible]

FIG. 18

EDIT JOB		? X	
NAME OF COMPOSED JOB		WORD-OFFICE REPORT.PR.DOC	
<div style="position: absolute; bottom: 10px; right: 10px; font-size: 2em;">▶</div>		DELETE PAGE	
		PREVIEW	
JOB LIST SET PRINTING			
COPIES : 1 (1~255)	<input checked="" type="checkbox"/> UNIFY LAYOUT		
SURFACE : SINGLE	PAGE LAYOUT :		
<input type="checkbox"/> STAPLING	ARRANGEMENT :		
<input type="checkbox"/> CENTER BINDING	<input type="checkbox"/> SET JOB BOUNDARY :		
		SET DETAIL	
RETURN TO INITIAL STATE		OK	CANCEL
		HELP	

FIG. 19

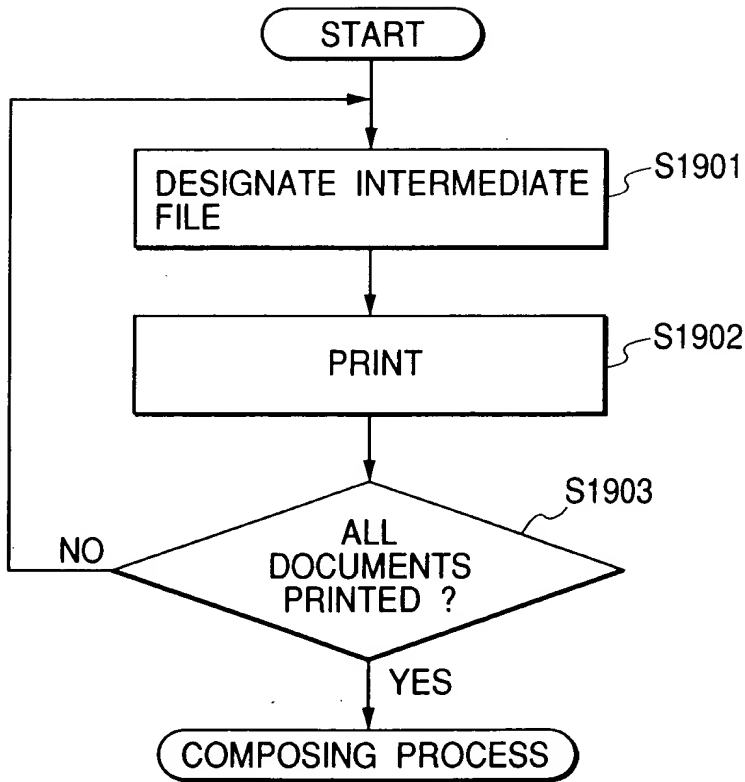
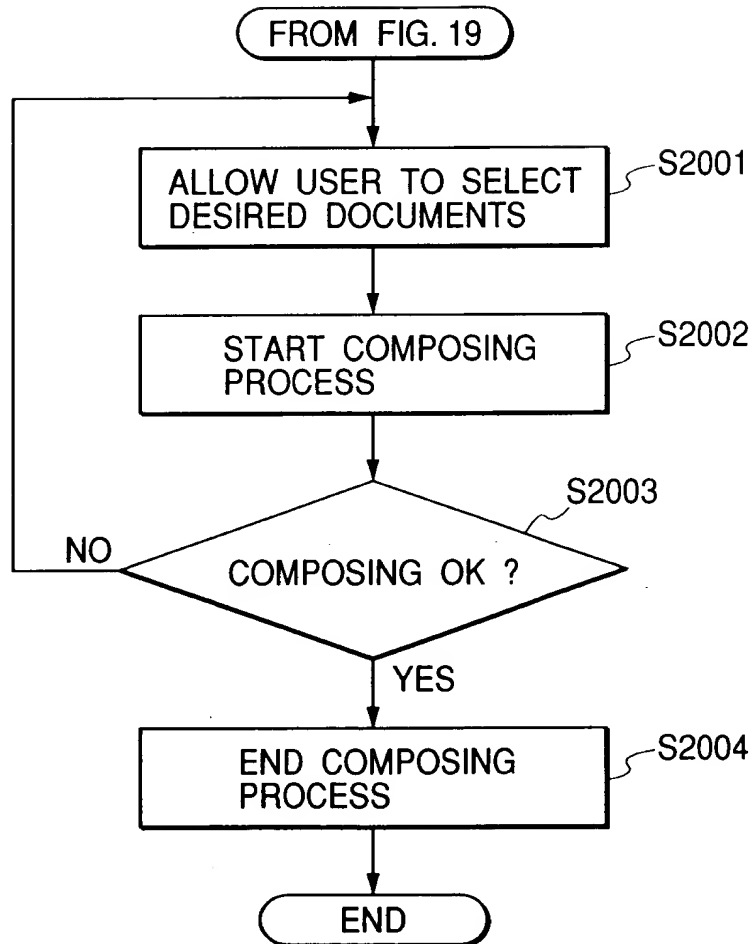
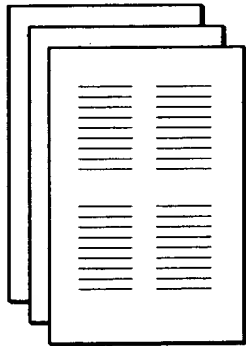


FIG. 20

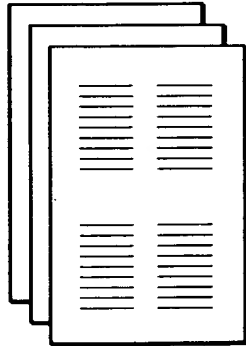
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FIG. 21

DOCUMENT A :
5 COPIES, 4 PAGES



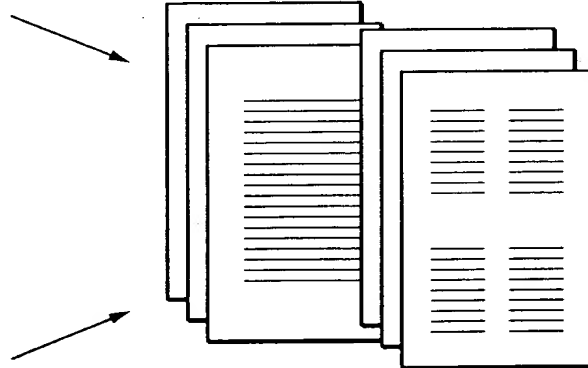
DOCUMENT B :
2 COPIES, 1 PAGE



COMPOSED DOCUMENT : 1 COPY

1 PAGE

4 PAGES



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FIG. 25

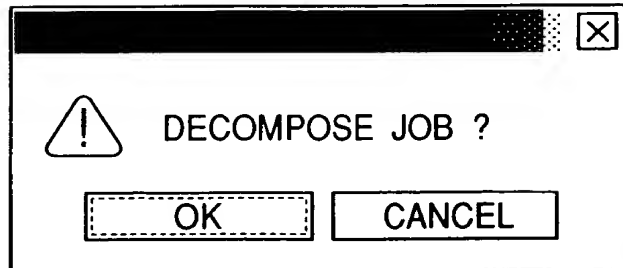


FIG. 24

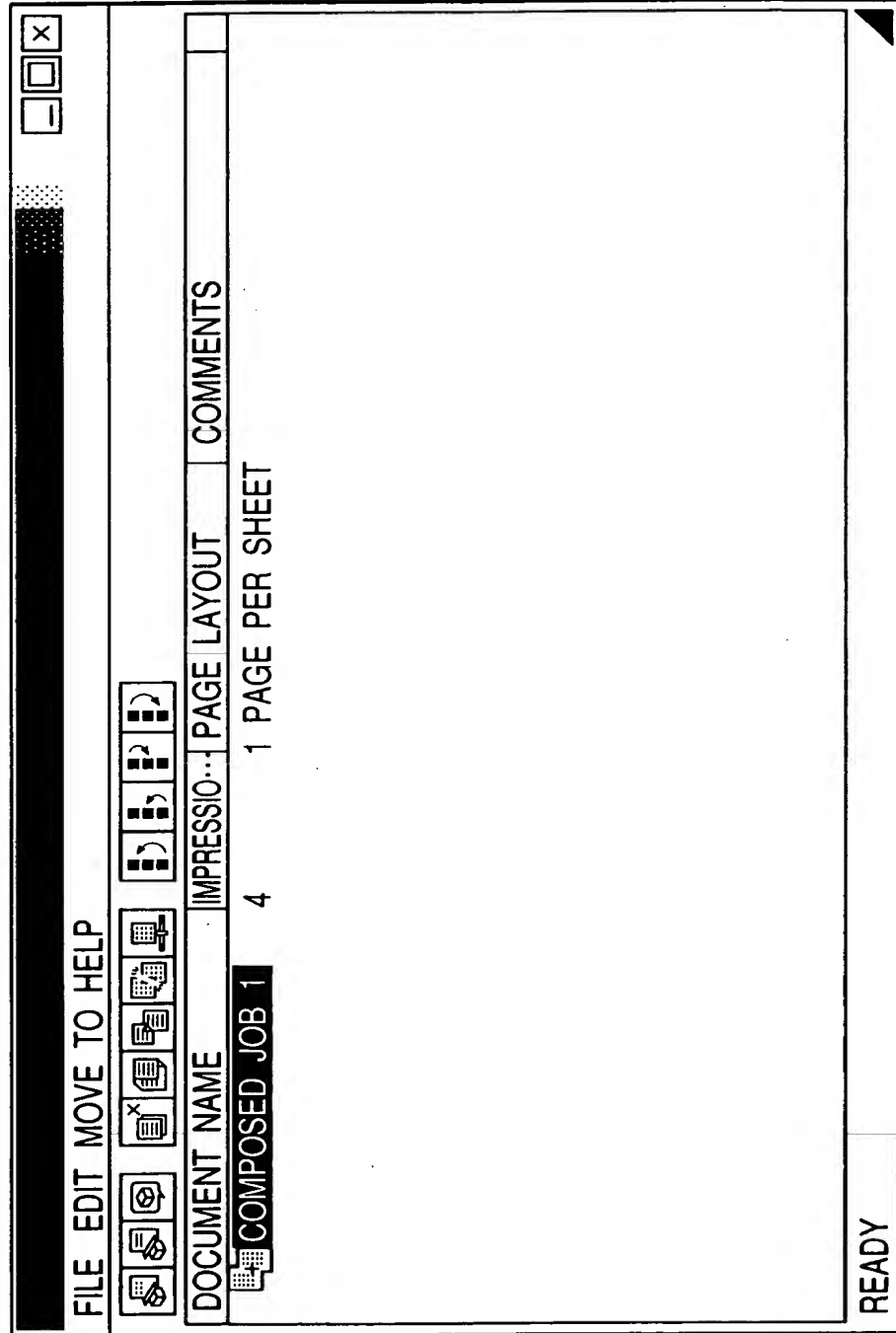


FIG. 26

SETTING	EXAMPLE
1 FOR 1 COMPOSED JOB	NO. OF COPIES, STAPLING, ...
SEVERAL IN MIXTURE FOR 1 COMPOSED JOB	LAYOUT (N-UP), PAGE FRAME, WATER MARK, TERMINOLOGY, PAPER SUPPLY PORT

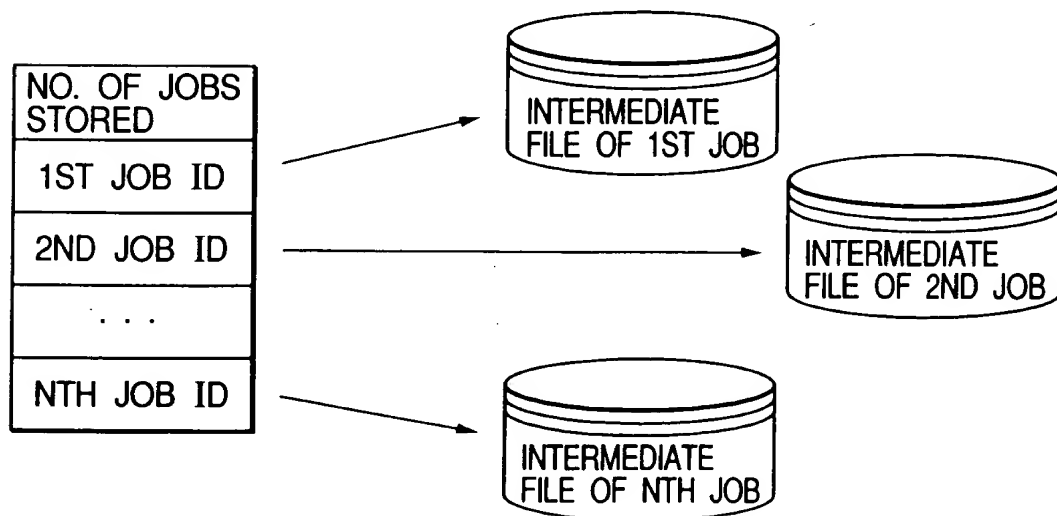
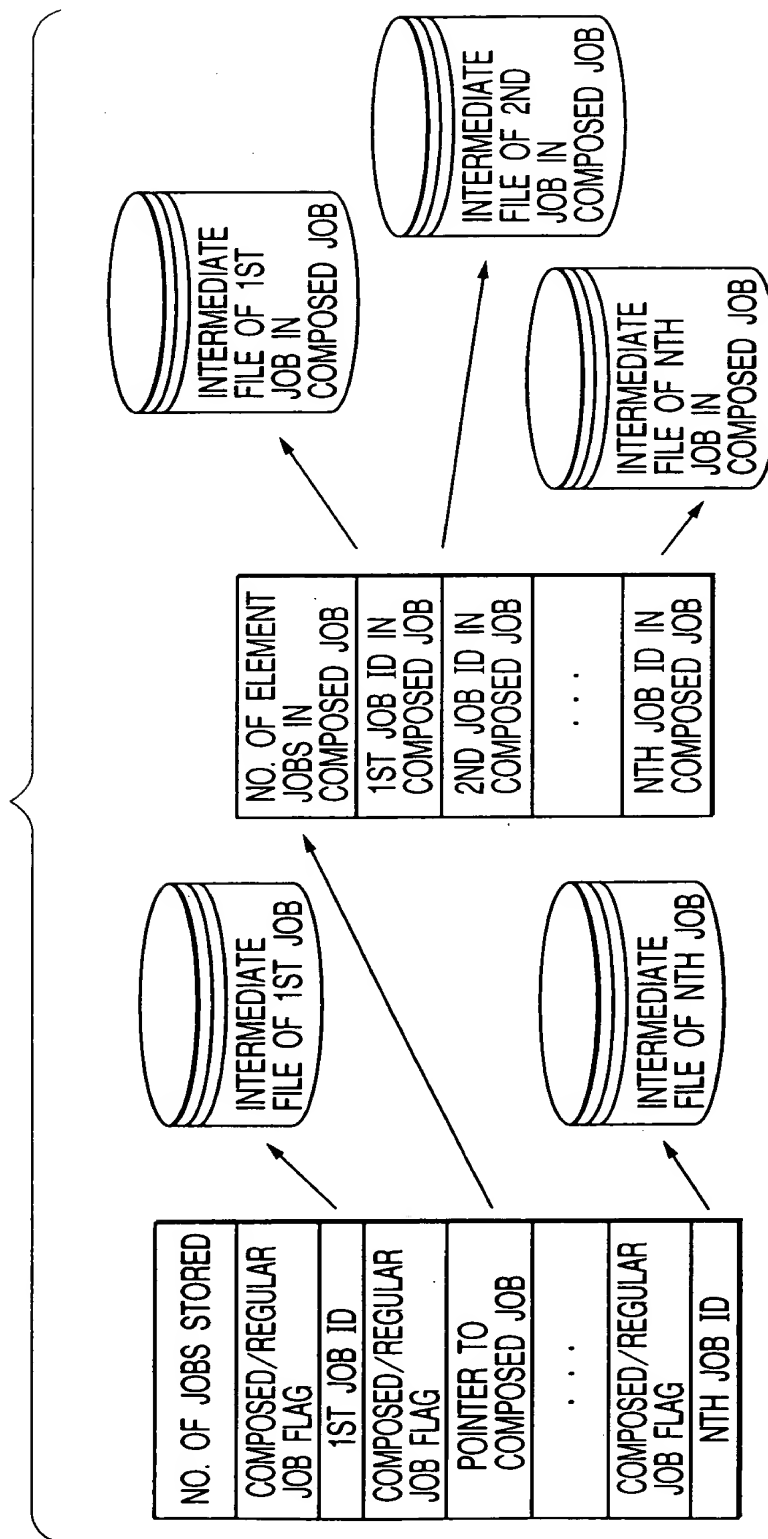

FIG. 27

FIG. 28





The diagram shows a vertical cylinder representing an 'INTERMEDIATE FILE'. The top of the cylinder is labeled 'INTERMEDIATE FILE'. The cylinder is divided into several horizontal segments. To the right of the cylinder, labels are connected to the segments by curved lines. The labels are: 'SETTING INFO OF PRINT JOB' (pointing to the top segment), 'NO. OF PHYSICAL PAGES' (pointing to the second segment), '1ST PAGE INFO' (pointing to the third segment), '2ND PAGE INFO' (pointing to the fourth segment), '...' (pointing to the fifth segment), and 'FINAL PAGE INFO' (pointing to the bottom segment).

FIG. 31B

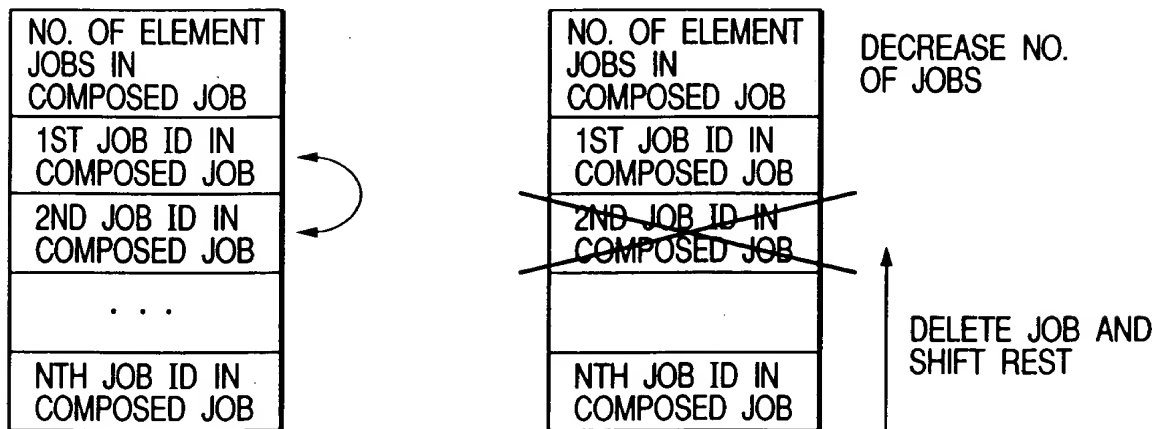


FIG. 30

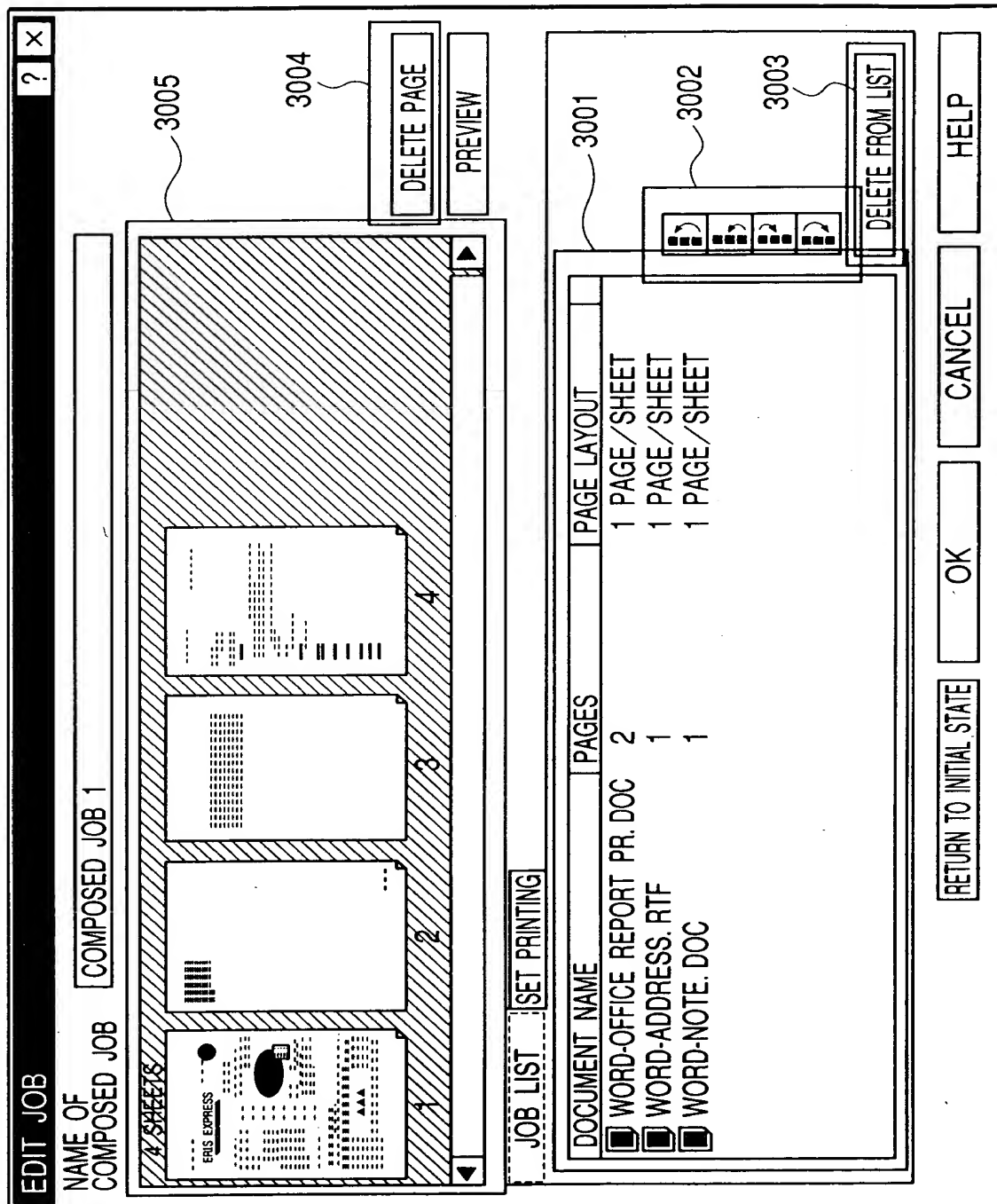


FIG. 32

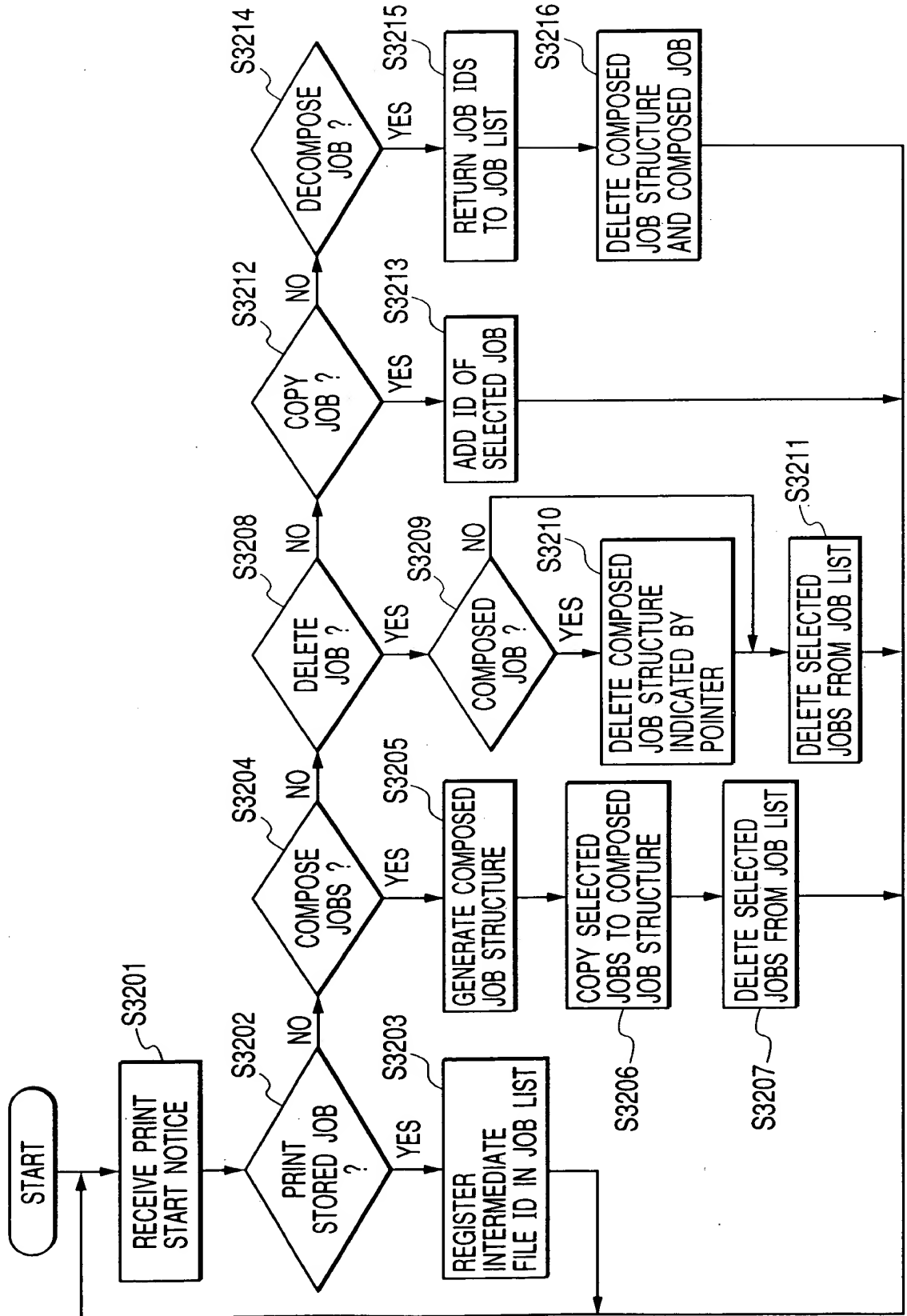
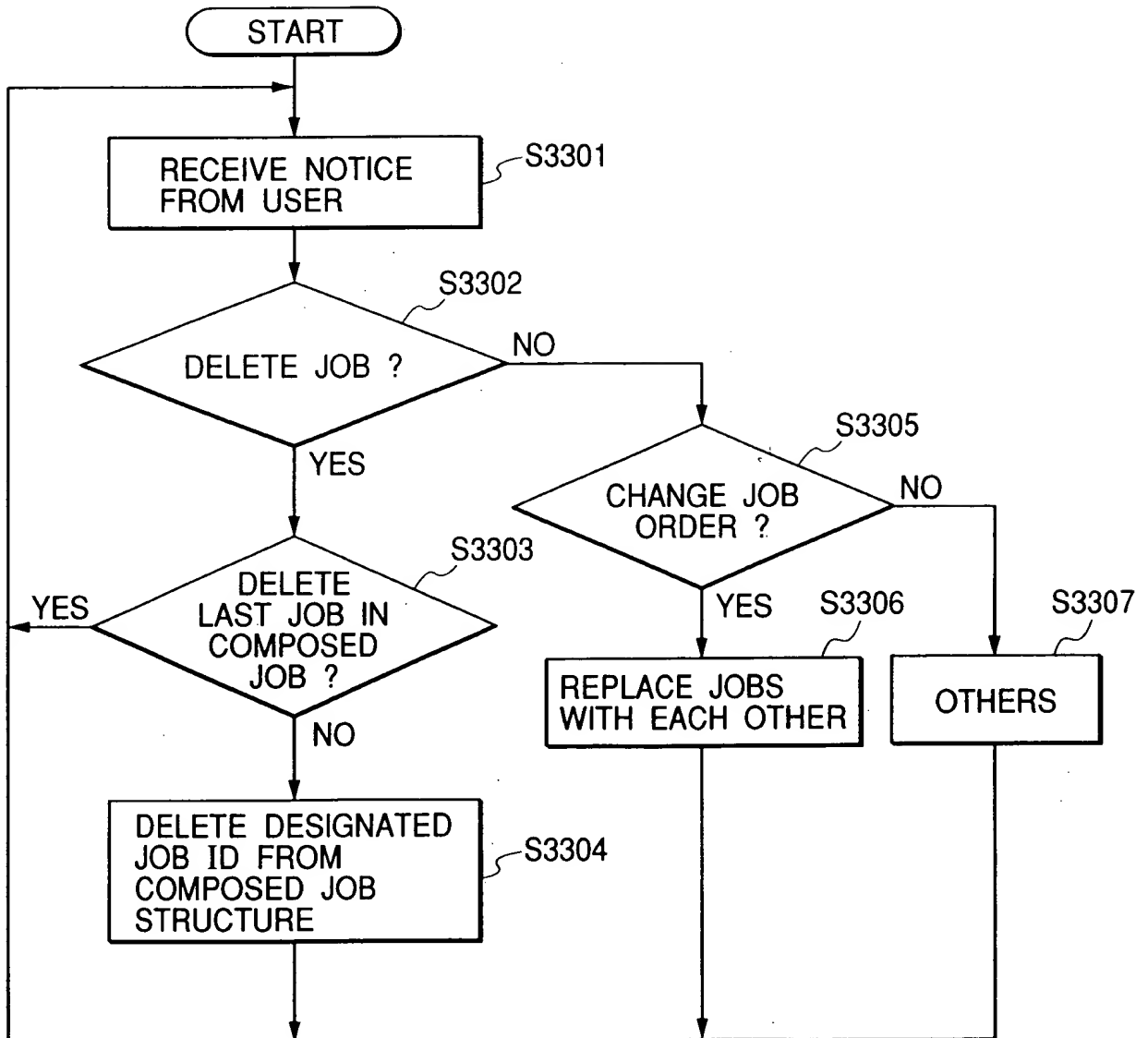


FIG. 33



NOTED " 68E66960

FIG. 34

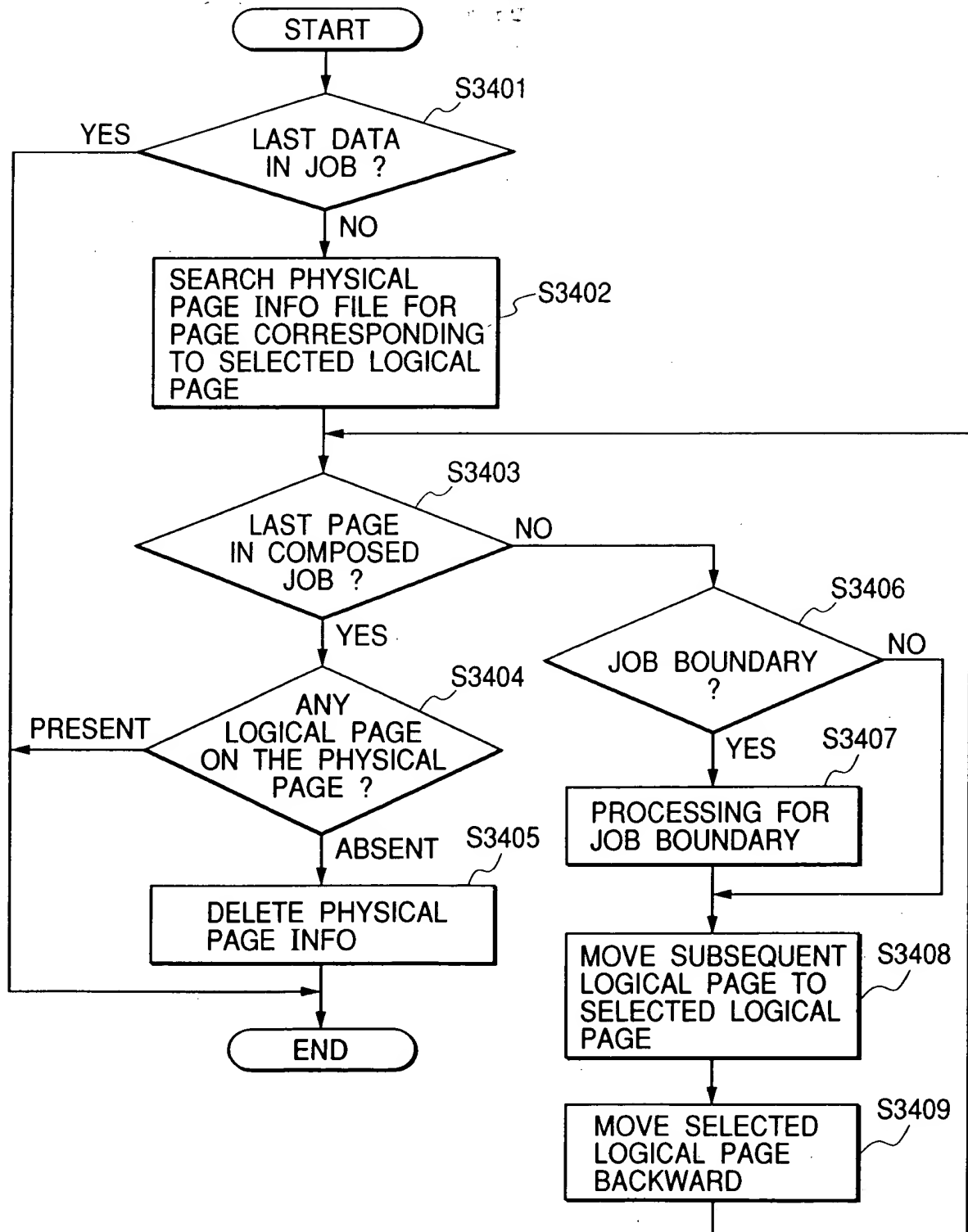
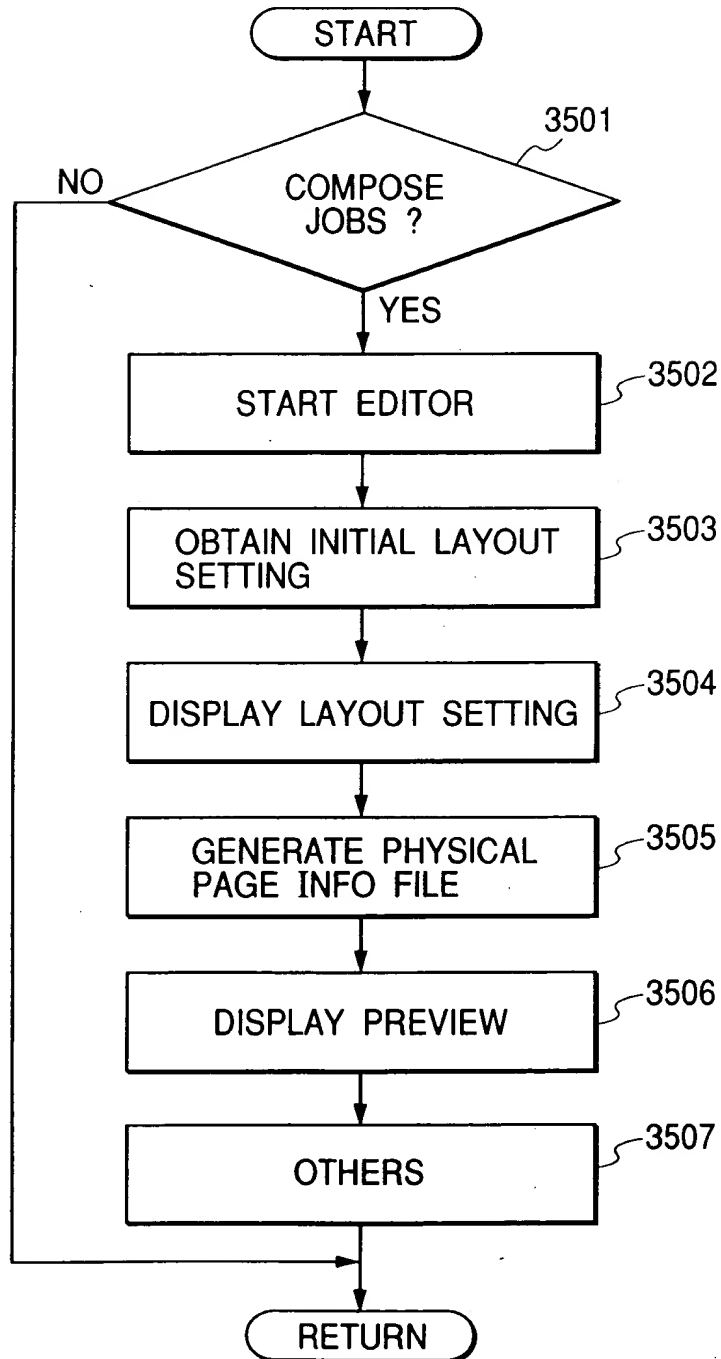
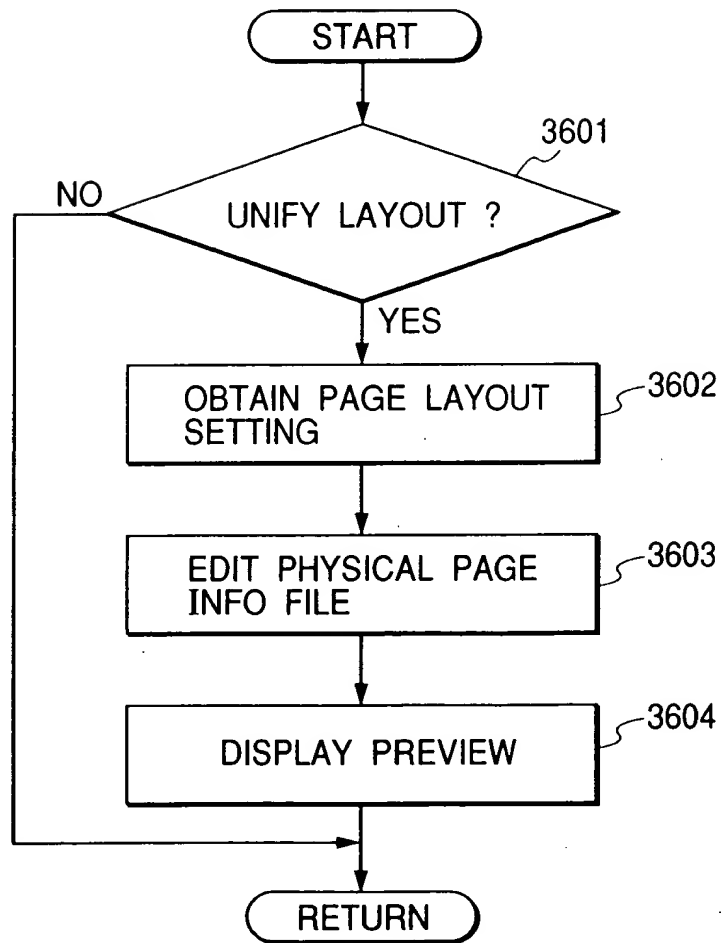


FIG. 35

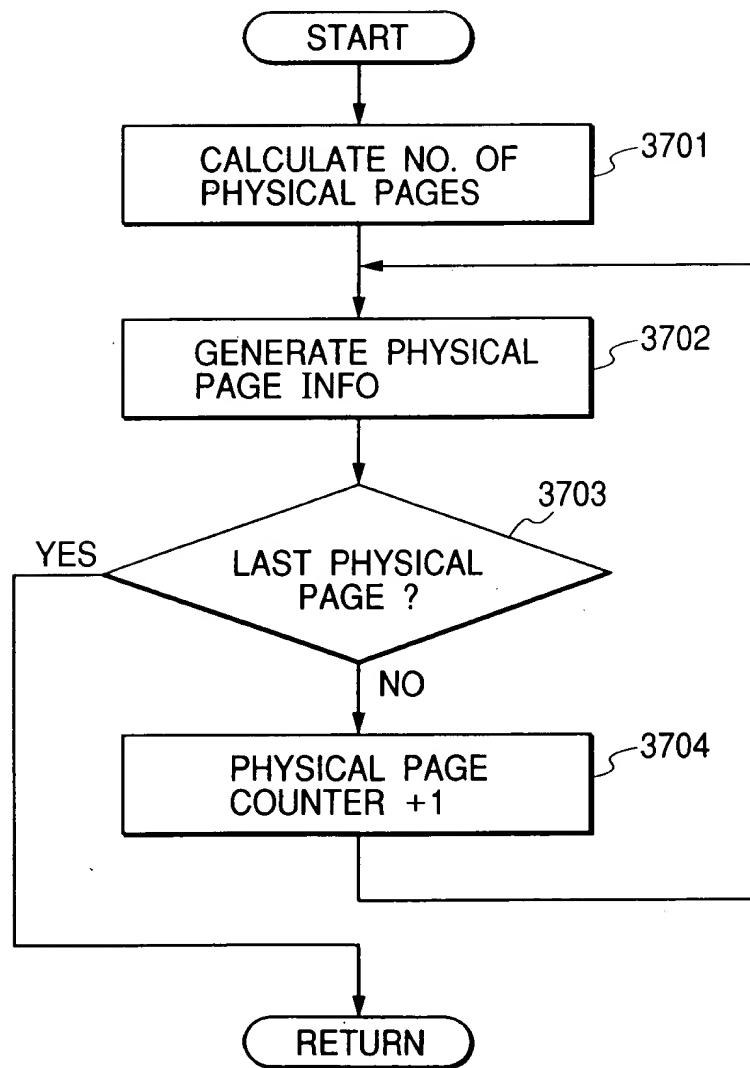


001E01" 68E66960

FIG. 36

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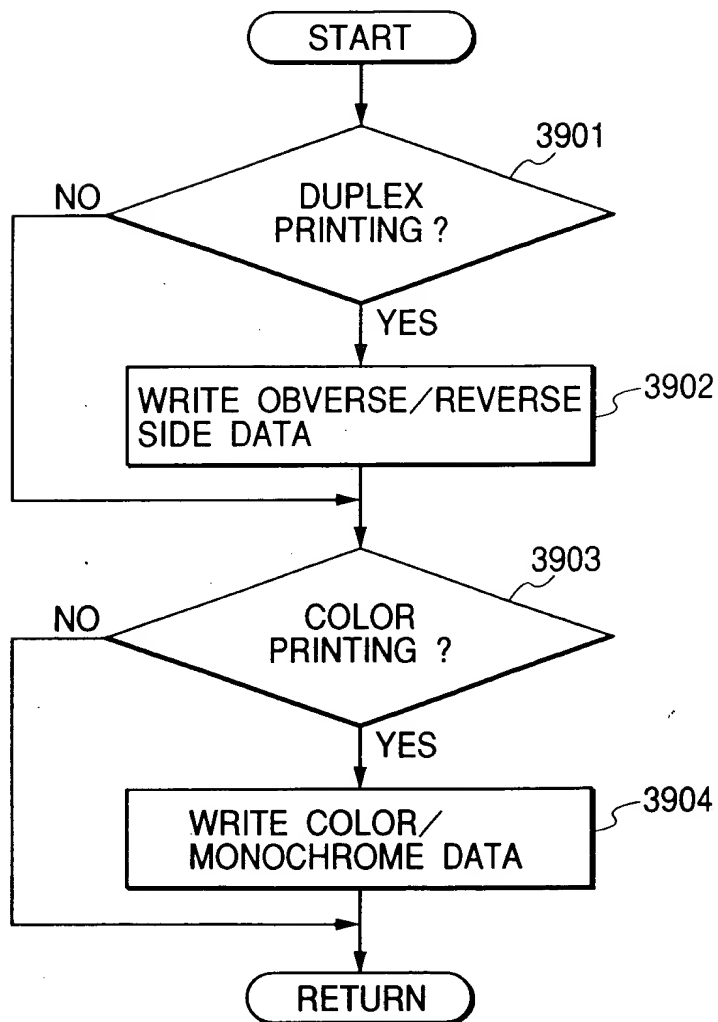
FIG. 37



```
graph TD; START([START]) --> 3801[3801 CALCULATE NO. OF LOGICAL PAGES]; 3801 --> 3802[3802 GENERATE LOGICAL PAGE INFO]; 3802 --> 3803{3803 LAST LOGICAL PAGE ?}; 3803 -- NO --> 3804[3804 LOGICAL PAGE COUNTER + 1]; 3804 --> 3805[3805 GENERATE PHYSICAL PAGE SETTING INFO]; 3805 --> RETURN([RETURN]);
```

The flowchart illustrates the logical page setting process. It begins with a 'START' terminal, followed by step 3801: 'CALCULATE NO. OF LOGICAL PAGES'. This leads to step 3802: 'GENERATE LOGICAL PAGE INFO'. A decision diamond at step 3803 asks 'LAST LOGICAL PAGE ?'. If the answer is 'NO', the process proceeds to step 3804: 'LOGICAL PAGE COUNTER + 1', which then loops back to step 3802. If the answer is 'YES' (implied by the flow), the process proceeds to step 3805: 'GENERATE PHYSICAL PAGE SETTING INFO', and finally to the 'RETURN' terminal.

FIG. 39



001E01" 68E66960

FIG. 40

EDIT JOB

NAME OF COMPOSED JOB

COMPOSED JOB 1

3 SHEETS

1 ①

2 ① 2 ②

3 ①

2 ③ 2 ④

1 2 3

DELETE PAGE

PREVIEW

JOB LIST

SET PRINTING

COPIES: 1 (1~255)

SURFACE: SINGLE

☒ UNIFY LAYOUT

☐ STAPLING

☐ CENTER BINDING

PAGE LAYOUT: 1 PAGE/SHEET

ARRANGEMENT:

PAGE SHIFTING:

SET DETAIL

RETURN TO INITIAL STATE

OK

CANCEL

HELP

FIG. 41

EDIT JOB

NAME OF COMPOSED JOB

COMPOSED JOB 1

2 SHEETS

1 ① 2 ①

2 ② 2 ③

2 ④ 3 ①

1 2

DELETE PAGE

PREVIEW

JOB LIST

SET PRINTING

COPIES: 1 (1~255)

SURFACE: SINGLE

☐ STAPLING

☐ CENTER BINDING

☒ UNIFY LAYOUT

PAGE LAYOUT:

ARRANGEMENT:

☒ PAGE SHIFTING:

PAGE/SHEET

FROM LEFT, TOP TO RIGHT

YES

SET DETAIL

RETURN TO INITIAL STATE

OK

CANCEL

HELP